

**Table B-5. Residue-based tissue toxicity screening values for fish.**

Chemical	Species	Endpoint	Whole Body Tissue Residue Threshold (mg/kg - wet)	Comment	Reference
<b>Metals</b>					
Arsenic	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	Survival	1.7	at 5°C	McGeachy and Dixon 1990
Cadmium	Brook trout ( <i>Salvelinus fontinalis</i> )	Growth	0.25	-	Benoit et al. 1976
Lead	Brook trout ( <i>Salvelinus fontinalis</i> )	Hatchability	0.37	-	Holcombe et al. 1976
Mercury	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	Growth	8.6	as methyl mercur <sup>3</sup>	Rodgers and Beamish 1982
Selenium	Bluegill ( <i>Lepomis macrochirus</i> )	Larval mortality	2.25	EC10 calculated from multiple studies	DeForest et al. 1999
<b>PCBs</b>					
PCB Aroclor 1242	-	-	-	-	-
PCB Aroclor 1260	-	-	-	-	-
Total PCBs <sup>1</sup>	Lake trout ( <i>Salvelinus namaycush</i> )	Survival	1.53	-	Berlin et al. 1981
<b>Pesticides</b>					
4,4'-DDD (p,p')	-	-	-	-	-
4,4'-DDE (p,p')	-	-	-	-	-
4,4'-DDT (p,p')	-	-	-	-	-
Total DDT + Metabolites	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	Survival	1.27	-	Hopkins et al. 1969
Aldrin	-	-	-	-	-
alpha-Chlordane	-	-	-	-	-
gamma-Chlordane	-	-	-	-	-
cis-Nonachlor	-	-	-	-	-
Dieldrin	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	Survival	1.76	-	Shubat and Curtis 1986
[alpha, gamma]-Chlordane <sup>2</sup>	-	-	-	-	-
Heptachlor	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-
Oxychlordane	-	-	-	-	-
trans-Nonachlor	-	-	-	-	-

<sup>1</sup> Total PCBs = sum of A1242 and A1260 concentrations.

<sup>2</sup> [alpha, gamma]Chlordane = sum of alpha and gamma Chlordane isomer concentrations.

3 Based on the assumption that methyl mercury is the predominant mercury species found in fish tissue.

EC10 = 10% effect concentration.